

Amendments to the Claims

Please amend the following claims, respectively.

Claims 1-30 (canceled)

Claim 31 (currently amended): An isolated and essentially homogenous polypeptide having the amino acid sequence set forth in ~~Figure 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 32 (currently amended): An isolated and essentially homogenous polypeptide having an amino acid sequence which has at least 80% identity to the amino acid sequence set forth in ~~Figure 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 33 (currently amended): An isolated and essentially homogenous polypeptide having amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Figure 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 34 (currently amended): An isolated and essentially homogenous polypeptide having an amino acid sequence which has at least 80% identity to amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Figure 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 35 (currently amended): An enzyme preparation comprising a polypeptide having cellulase activity, wherein said polypeptide is selected from the group consisting of:

- (i) a polypeptide comprising the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35,
- (ii) a polypeptide having at least 80% identity to the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35,
- (iii) a polypeptide comprising the amino acid sequence encoded by the DNA insert contained in ~~DSM 11025 or DSM 11014~~ DSM 11026, DSM 11013, or DSM 11011,
- (iv) a polypeptide comprising amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35; and
- (v) a polypeptide having at least 80% identity to amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 36 (currently amended): An enzyme preparation according to claim 35, wherein said polypeptide comprises the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 37 (currently amended): An enzyme preparation according to claim 35, wherein said polypeptide has at least 80% identity to the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 38 (currently amended): An enzyme preparation according to claim 35, wherein said polypeptide comprises the amino acid sequence encoded by the DNA insert contained in ~~DSM 11025 or DSM 11014~~ DSM 11026, DSM 11013, or DSM 11011.

Claim 39 (currently amended): An enzyme preparation according to claim 35, wherein said polypeptide comprises amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 40 (currently amended): An enzyme preparation according to claim 35, wherein said polypeptide has at least 80% identity to amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 41 (currently amended): An enzyme preparation according to claim 35, wherein said enzyme preparation is obtained by a process comprising:

(i) culturing a host cell transformed with the nucleic acid molecule comprising the nucleic acid sequence set forth in ~~Figure 21~~ Figures 23A-C and ~~(SEQ ID NO: 32)~~ SEQ ID NO: 34; and

(ii) separating said host cell from the culture medium and obtaining the supernatant having cellulase activity.

Claim 42 (currently amended): An enzyme preparation according to claim 35, wherein said enzyme preparation is obtained by a process comprising:

(i) culturing a host cell transformed with a nucleic acid sequence encoding a cellulase having 80% identity to amino acid sequence set forth in ~~Figure 21~~ Figures 23A-C and ~~(SEQ ID NO: 33)~~ SEQ ID NO: 35; and

(ii) separating said host cell from the culture medium and obtaining the supernatant having cellulase activity.

Claim 43 (currently amended): An enzyme preparation according to claim 35, wherein said enzyme preparation is obtained by a process comprising:

(i) culturing a host cell transformed with a nucleic acid sequence encoding amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Figure 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35; and

(ii) separating said host cell from the culture medium and obtaining the supernatant having cellulase activity.

Claim 44 (currently amended): An enzyme preparation according to claim 35, wherein said enzyme preparation is obtained by a process comprising:

(i) culturing a host cell transformed with a nucleic acid sequence encoding a cellulase having at least 80% identity to amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Figure 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35; and

(ii) separating said host cell from the culture medium and obtaining the supernatant having cellulase activity.

Claim 45 (original): An enzyme preparation according to claim 35, wherein said polypeptide is isolated and essentially homogenous.

Claim 46 (original): An enzyme preparation according to claim 35, wherein said enzyme preparation comprises at least one cellulase of a fungal species belonging to a fungal genus selected from the group consisting of *Melanocarpus*, *Myriococcum*, *Sporotrichum*, *Myceliophthora* or *Chaetomium*.

Claim 47 (original): An enzyme preparation according to claim 46, wherein the fungal species is *Melanocarpus albomyces*, *Myriococcum albomyces*, *Myriococcum* sp. species represented by CBS 687.95, *Sporotrichum thermophile*, *Myceliophthora thermophila* or *Chaetomium thermophilum*.

Claim 48 (original): An enzyme preparation according to claim 47, wherein the fungus is *Melanocarpus albomyces* or *Myriococcum albomyces* CBS 685.95, *Myriococcum* sp. CBS 687.95, *Sporotrichum thermophile* CBS 688.95 or *Myceliophthora thermophila* CBS 689.95 or *Chaetomium thermophilum* CBS 730.95.

Claim 49 (original): An enzyme preparation according to claim 35, wherein the enzyme preparation is liquid.

Claim 50 (original): An enzyme preparation according to claim 35, wherein the enzyme preparation is dry.

Claim 51 (original): An enzyme preparation according to claim 35, wherein the enzyme preparation further comprises a surface active agent.

Claim 52 (currently amended): A method for biostoning comprising adding an enzyme preparation comprising a polypeptide having cellulase activity to cotton containing fabric or garments, wherein said polypeptide is selected from the group consisting of:

(i) a polypeptide comprising the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35,

- (ii) a polypeptide having at least 80% identity to the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35,
- (iii) a polypeptide comprising the amino acid sequence encoded by the DNA insert contained in ~~DSM 11025 or DSM 11014~~, DSM 11026, DSM 11013, or DSM 11011,
- (iv) a polypeptide comprising amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35; and
- (v) a polypeptide having at least 80% identity to amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 53 (currently amended): A method according to claim 52, wherein said polypeptide comprises the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 54 (currently amended): A method according to claim 52, wherein said polypeptide has at least 80% identity to the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 55 (currently amended): A method according to claim 52, wherein said polypeptide comprises the amino acid sequence encoded by the DNA insert contained in ~~DSM 11025 or DSM 11014~~ DSM 11026, DSM 11013, or DSM 11011.

Claim 56 (currently amended): A method according to claim 52, wherein said polypeptide comprises amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 57 (currently amended): A method according to claim 52, wherein said polypeptide has at least 80% identity to amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Figure 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 58 (currently amended): A method according to claim 52, wherein said enzyme preparation is obtained by a process comprising:

- (i) culturing a host cell transformed with the nucleic acid molecule comprising the sequence set forth in ~~Figure 21~~ Figures 23A-C and ~~(SEQ ID NO: 32)~~ SEQ ID NO: 34; and
- (ii) separating said host cell from the culture medium and obtaining the supernatant having cellulase activity.

Claim 59 (currently amended): A method according to claim 52, wherein said enzyme preparation is obtained by a process comprising:

- (i) culturing a host cell transformed with the nucleic acid sequence encoding a cellulase having at least 80% identity to the amino acid sequence set forth in ~~Figure 21~~ Figures 23A-C and ~~(SEQ ID NO: 33)~~ SEQ ID NO: 35; and
- (ii) separating said host cell from the culture medium and obtaining the supernatant having cellulase activity.

Claim 60 (currently amended): A method according to claim 52, wherein said enzyme preparation is obtained by a process comprising:

- (i) culturing a host cell transformed with the nucleic acid sequence encoding amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Figure 21~~ Figures 23A-C and ~~(SEQ ID NO: 33)~~ SEQ ID NO: 35; and

(ii) separating said host cell from the culture medium and obtaining the supernatant having cellulase activity.

Claim 61 (currently amended): A method according to claim 52, wherein said enzyme preparation is obtained by a process comprising:

(i) culturing a host cell transformed with the nucleic acid sequence encoding a cellulase having at least 80% identity to amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Figure 21~~ Figures 23A-C and (~~SEQ ID NO: 33~~) SEQ ID NO: 35; and

(ii) separating said host cell from the culture medium and obtaining the supernatant having cellulase activity.

Claim 62 (original): A method according to claim 52, wherein said polypeptide is isolated and essentially homogenous.

Claim 63 (original): A method according to claim 52, wherein said enzyme preparation comprises at least one cellulase of a fungal species belonging to a fungal genus selected from the group consisting of *Melanocarpus*, *Myriococcum*, *Sporotrichum*, *Myceliophthora* or *Chaetomium*.

Claim 64 (original): A method of claim 63, wherein the fungal species is *Melanocarpus albomyces*, *Myriococcum albomyces*, *Myriococcum* sp. species represented by CBS 687.95, *Sporotrichum thermophile*, *Myceliophthora thermophila* or *Chaetomium thermophilum*.

Claim 65 (original): A method of claim 64, wherein the fungus is *Melanocarpus albomyces* or *Myriococcum albomyces* CBS 685.95, *Myriococcum* sp. CBS 687.95, *Sporotrichum thermophile* CBS 688.95 or *Myceliophthora thermophila* CBS 689.95 or *Chaetomium thermophilum* CBS 730.95.

Claim 66 (original): A method according to claim 52, wherein the enzyme preparation is liquid.

Claim 67 (original): A method according to claim 52, wherein the enzyme preparation is dry.

Claim 68 (original): A method according to claim 52, wherein the fabric or garments is denim.

Claim 69 (original): A method according to claim 52, wherein the enzyme preparation further comprises a surface active agent.

Claim 70 (currently amended): A method for biofinishing comprising adding an enzyme preparation comprising a polypeptide having cellulase activity to textile materials like fabrics or garments or yarn, wherein said polypeptide is selected from the group consisting of:

(i) a polypeptide comprising the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35,

(ii) a polypeptide having at least 80% identity to the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35,

(iii) a polypeptide comprising the amino acid sequence encoded by the DNA insert contained in ~~DSM 11025 or DSM 11014~~ DSM 11026, DSM 11013, or DSM 11011,

(iv) a polypeptide comprising amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35; and

(v) a polypeptide having at least 80% identity to amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 71 (currently amended): A method according to claim 70, wherein said polypeptide comprises the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 72 (currently amended): A method according to claim 70, wherein said polypeptide has at least 80% identity to the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 73 (currently amended): A method according to claim 70, wherein said polypeptide comprises the amino acid sequence encoded by the DNA insert contained in ~~DSM 11025 or DSM 11014~~ DSM 11026, DSM 11013, or DSM 11011.

Claim 74 (currently amended): A method according to claim 70, wherein said polypeptide comprises amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 75 (currently amended): A method according to claim 70, wherein said polypeptide has at least 80% identity to amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 76 (currently amended): A method according to claim 70, wherein said enzyme preparation is obtained by a process comprising:

(i) culturing a host cell transformed with the nucleic acid molecule comprising the sequence set forth in ~~Figure 21~~ Figures 23A-C and (~~SEQ ID NO: 32~~) SEQ ID NO: 34; and

(ii) separating said host cell from the culture medium and obtaining the supernatant having cellulase activity.

Claim 77 (currently amended): A method according to claim 70, wherein said enzyme preparation is obtained by a process comprising:

(i) culturing a host cell transformed with the nucleic acid sequence encoding a cellulase having at least 80% identity to the amino acid sequence set forth in ~~Figure 21~~ Figures 23A-C and (~~SEQ ID NO: 33~~) SEQ ID NO: 35; and

(ii) separating said host cell from the culture medium and obtaining the supernatant having cellulase activity.

Claim 78 (currently amended): A method according to claim 70, wherein said enzyme preparation is obtained by a process comprising:

(i) culturing a host cell transformed with the nucleic acid sequence encoding amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Figure 21~~ Figures 23A-C and (~~SEQ ID NO: 33~~) SEQ ID NO: 35; and

(ii) separating said host cell from the culture medium and obtaining the supernatant having cellulase activity.

Claim 79 (currently amended): A method according to claim 70, wherein said enzyme preparation is obtained by a process comprising:

(i) culturing a host cell transformed with the nucleic acid sequence encoding a cellulase having at least 80% identity to amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Figure 21~~ Figures 23A-C and (~~SEQ ID NO: 33~~) SEQ ID NO: 35; and

(ii) separating said host cell from the culture medium and obtaining the supernatant having cellulase activity.

Claim 80 (original): A method according to claim 70, wherein said polypeptide is isolated and essentially homogenous.

Claim 81 (original): A method according to claim 70, wherein said enzyme preparation comprises at least one cellulase of a fungal species belonging to a fungal genus selected from the group consisting of *Melanocarpus*, *Myriococcum*, *Sporotrichum*, *Myceliophthora* or *Chaetomium*.

Claim 82 (original): A method of claim 81, wherein the fungal species is *Melanocarpus albomyces*, *Myriococcum albomyces*, *Myriococcum* sp. species represented by CBS 687.95, *Sporotrichum thermophile*, *Myceliophthora thermophila* or *Chaetomium thermophilum*.

Claim 83 (original): A method of claim 82, wherein the fungus is *Melanocarpus albomyces* or *Myriococcum albomyces* CBS 685.95, *Myriococcum* sp. CBS 687.95, *Sporotrichum thermophile* CBS 688.95 or *Myceliophthora thermophila* CBS 689.95 or *Chaetomium thermophilum* CBS 730.95.

Claim 84 (original): A method according to claim 70, wherein the enzyme preparation is liquid.

Claim 85 (original): A method according to claim 70, wherein the enzyme preparation is dry.

Claim 86 (original): A method according to claim 70, wherein the textile materials are manufactured of natural cellulose containing fibers or manmade cellulose containing fibers or are mixtures thereof.

Claim 87 (original): A method according to claim 70, wherein the textile materials are blends of synthetic fibers and cellulose containing fibers.

Claim 88 (original): A method according to claim 70, wherein the enzyme preparation further comprises a surface active agent.

Claim 89 (currently amended): A method for treating wood-derived pulp or fiber, comprising adding an enzyme preparation comprising a polypeptide having cellulase activity to wood-derived mechanical or chemical pulp or secondary fiber, wherein said polypeptide is selected from the group consisting of:

- (i) a polypeptide comprising the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and SEQ ID NO: 33 SEQ ID NO: 35,
- (ii) a polypeptide having at least 80% identity to the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and SEQ ID NO: 33 SEQ ID NO: 35,
- (iii) a polypeptide comprising the amino acid sequence encoded by the DNA insert contained in ~~DSM 11025 or DSM 11014~~ DSM 11026, DSM 11013, or DSM 11011,
- (iv) a polypeptide comprising amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and SEQ ID NO: 33 SEQ ID NO: 35; and
- (v) a polypeptide having at least 80% identity to amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and SEQ ID NO: 33 SEQ ID NO: 35.

Claim 90 (currently amended): A method according to claim 89, wherein said polypeptide comprises the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and SEQ ID NO: 33 SEQ ID NO: 35.

Claim 91 (currently amended): A method according to claim 89, wherein said polypeptide has at least 80% identity to the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and SEQ ID NO: 33 SEQ ID NO: 35.

Claim 92 (currently amended): A method according to claim 89, wherein said polypeptide comprises the amino acid sequence encoded by the DNA insert contained in ~~DSM 11025 or DSM 11014~~ DSM 11026, DSM 11013, or DSM 11011.

Claim 93 (currently amended): A method according to claim 89, wherein said polypeptide comprises amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 94 (currently amended): A method according to claim 89, wherein said polypeptide has at least 80% identity to amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 95 (currently amended): A method according to claim 89, wherein said enzyme preparation is obtained by a process comprising:

(i) culturing a host cell transformed with the nucleic acid molecule comprising the sequence set forth in ~~Figure 21~~ Figures 23A-C and ~~(SEQ ID NO: 32)~~ SEQ ID NO: 34; and

(ii) separating said host cell from the culture medium and obtaining the supernatant having cellulase activity.

Claim 96 (currently amended): A method according to claim 89, wherein said enzyme preparation is obtained by a process comprising:

(i) culturing a host cell transformed with the nucleic acid sequence encoding a cellulase having at least 80% identity to the amino acid sequence set forth in ~~Figure 21~~ Figures 23A-C and ~~(SEQ ID NO: 33)~~ SEQ ID NO: 35; and

(ii) separating said host cell from the culture medium and obtaining the supernatant having cellulase activity.

Claim 97 (currently amended): A method according to claim 89, wherein said enzyme preparation is obtained by a process comprising:

(i) culturing a host cell transformed with the nucleic acid sequence encoding amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Figure 21~~ Figures 23A-C and ~~(SEQ ID NO: 33)~~ SEQ ID NO: 35; and

(ii) separating said host cell from the culture medium and obtaining the supernatant having cellulase activity.

Claim 98 (currently amended): A method according to claim 89, wherein said enzyme preparation is obtained by a process comprising:

(i) culturing a host cell transformed with the nucleic acid sequence encoding a cellulase having at least 80% identity to amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Figure 21~~ Figures 23A-C and ~~(SEQ ID NO: 33)~~ SEQ ID NO: 35; and

(ii) separating said host cell from the culture medium and obtaining the supernatant having cellulase activity.

Claim 99 (original): A method according to claim 89, wherein said polypeptide is isolated and essentially homogenous.

Claim 100 (original): A method according to claim 89, wherein said enzyme preparation comprises at least one cellulase of a fungal species belonging to a fungal genus selected from the group consisting of *Melanocarpus*, *Myriococcum*, *Sporotrichum*, *Myceliophthora* or *Chaetomium*.

Claim 101 (original): A method of claim 100, wherein the fungal species is *Melanocarpus albomyces*, *Myriococcum albomyces*, *Myriococcum* sp. species represented by

CBS 687.95, *Sporotrichum thermophile*, *Myceliophthora thermophila* or *Chaetomium thermophilum*.

Claim 102 (original): A method of claim 101, wherein the fungus is *Melanocarpus albomyces* or *Myriococcum albomyces* CBS 685.95, *Myriococcum* sp. CBS 687.95, *Sporotrichum thermophile* CBS 688.95 or *Myceliophthora thermophila* CBS 689.95 or *Chaetomium thermophilum* CBS 730.95.

Claim 103 (original): A method according to claim 89, wherein the enzyme preparation is liquid.

Claim 104 (original): A method according to claim 89, wherein the enzyme preparation is dry.

Claim 105 (original): A method according to claim 89, wherein the enzyme preparation further comprises a surface active agent.

Claim 106 (currently amended): A method for improving the quality of animal feed, comprising treating plant material with an enzyme preparation comprising a polypeptide having cellulase activity, wherein said polypeptide is selected from the group consisting of:

(i) a polypeptide comprising the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35,

(ii) a polypeptide having at least 80% identity to the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35,

(iii) a polypeptide comprising the amino acid sequence encoded by the DNA insert contained in ~~DSM 11025 or DSM 11014~~ DSM 11026, DSM 11013, or DSM 11011,

(iv) a polypeptide comprising amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35; and

(v) a polypeptide having at least 80% identity to amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 107 (currently amended): A method according to claim 106, wherein said polypeptide comprises the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 108 (currently amended): A method according to claim 106, wherein said polypeptide has at least 80% identity to the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 109 (currently amended): A method according to claim 106, wherein said polypeptide comprises the amino acid sequence encoded by the DNA insert contained in ~~DSM 11025 or DSM 11014~~ DSM 11026, DSM 11013, or DSM 11011.

Claim 110 (currently amended): A method according to claim 106, wherein said polypeptide comprises amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 111 (currently amended): A method according to claim 106, wherein said polypeptide has at least 80% identity to amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Fig. 21~~ Figures 23A-C and ~~SEQ ID NO: 33~~ SEQ ID NO: 35.

Claim 112 (currently amended): A method according to claim 106, wherein said enzyme preparation is obtained by a process comprising:

(i) culturing a host cell transformed with the nucleic acid molecule comprising sequence set forth in ~~Figure 21~~ Figures 23A-C and (~~SEQ ID NO: 32~~) SEQ ID NO: 34; and

(ii) separating said host cell from the culture medium and obtaining the supernatant having cellulase activity.

Claim 113 (currently amended): A method according to claim 106, wherein said enzyme preparation is obtained by a process comprising:

(i) culturing a host cell transformed with the nucleic acid sequence encoding a cellulase having at least 80% identity to the amino acid sequence set forth in ~~Figure 21~~ Figures 23A-C and (~~SEQ ID NO: 33~~) SEQ ID NO: 35; and

(ii) separating said host cell from the culture medium and obtaining the supernatant having cellulase activity.

Claim 114 (currently amended): A method according to claim 106, wherein said enzyme preparation is obtained by a process comprising:

(i) culturing a host cell transformed with the nucleic acid sequence encoding amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Figure 21~~ Figures 23A-C and (~~SEQ ID NO: 33~~) SEQ ID NO: 35; and

(ii) separating said host cell from the culture medium and obtaining the supernatant having cellulase activity.

Claim 115 (currently amended): A method according to claim 106, wherein said enzyme preparation is obtained by a process comprising:

(i) culturing a host cell transformed with the nucleic acid sequence encoding a cellulase having at least 80% identity to amino acids ~~21-428~~ 23-452 of the amino acid sequence set forth in ~~Figure 21~~ Figures 23A-C and (~~SEQ ID NO: 33~~) SEQ ID NO: 35; and

(ii) separating said host cell from the culture medium and obtaining the supernatant having cellulase activity.

Claim 116 (original): A method according to claim 106, wherein said polypeptide is isolated and essentially homogenous.

Claim 117 (original): A method according to claim 106, wherein said enzyme preparation comprises at least one cellulase of a fungal species belonging to a fungal genus selected from the group consisting of *Melanocarpus*, *Myriococcum*, *Sporotrichum*, *Myceliophthora* or *Chaetomium*.

Claim 118 (original): A method of claim 117, wherein the fungal species is *Melanocarpus albomyces*, *Myriococcum albomyces*, *Myriococcum* sp. species represented by CBS 687.95, *Sporotrichum thermophile*, *Myceliophthora thermophila* or *Chaetomium thermophilum*.

Claim 119 (original): A method of claim 118, wherein the fungus is *Melanocarpus albomyces* or *Myriococcum albomyces* CBS 685.95, *Myriococcum* sp. CBS 687.95, *Sporotrichum thermophile* CBS 688.95 or *Myceliophthora thermophila* CBS 689.95 or *Chaetomium thermophilum* CBS 730.95.

Claim 120 (original): A method according to claim 106, wherein the enzyme preparation is liquid.

Claim 121 (original): A method according to claim 106, wherein the enzyme preparation is dry.

Claim 122 (original): A method according to claim 106, wherein the enzyme preparation is a surface active agent.